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Pandita et al.

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(54) **METHOD AND APPARATUS FOR PREDICTING MOST PROBABLE PATH OF VEHICLE TRAVEL AND VEHICLE CONTROL LOSS PREVIEW**

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See application file for complete search history.

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(57) **ABSTRACT**

A method and apparatus to predict the most probable path of a vehicle along a roadway which may contain a junction splitting the roadway into a rootpath and one or more sub-paths, each containing one or more lanes. The method and apparatus also process vehicle sensor information pertaining to driver corrections, road boundary detection, lane marker detection, map information availability, and road surface quality at the current position of the vehicle as well as from previous passes of the vehicle past the same location and other vehicles passing the same location to provide a warning to the driver to retake control of the vehicle if information used by the automatic vehicle control will become unavailable a predetermined travel distance ahead of the current position of the vehicle.

11 Claims, 6 Drawing Sheets

